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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Chellappa, et al.

Examiner:

Padgett, Marianne L.

Serial No.

10/566,334

Group Art Unit:

1792

Filed:

2/9/2007

Docket No.

37929-32401

Title:

Methods for providing thin hydrogen separation membranes and

associated uses

Customer No.: 86451

Confirmation No.:

4216

CERTIFICATE UNDER 37 CFR 1.6(d)

I hereby certify that this correspondence and identified enclosures are being transmitted to the USPTO via electronic filing on the EFS Website on December 31, 2010.

/Tonya Mertens/

Name: Tonya Mertens

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

MAIL STOP: NON-FEE AMENDMENT

Commissioner for Patents Post Office Box 1450

Alexandria, Virginia 22313-1450

Dear Sir/Madam:

In response to the Office Action mailed December 24, 2009, kindly enter the following amendments and remarks:

Amendments to the Specification begins on page 2;

Amendments to the Claims begins on page 4;

Remarks begins on page 10.